

UNIFIED IMAGE PROCESSING SYSTEM

ABSTRACT OF THE DISCLOSURE

An image processing method comprises generating a synthesized image transform from a set of synthesizing parameters; and subjecting the input image to the synthesized image transform to form an output image. The synthesized image transform is generated from a set of synthesizing parameters, which have a defined domain of allowed values. The complete set of synthesized transforms is obtained by varying the synthesizing parameters over all values within the domain. The visual effect of each synthesized transform is characterized by a set of visual effect parameters. The visual effect parameters and the synthesizing parameters are related in that the visual effect parameters are generated from the synthesizing parameters for the complete set of transforms, and/or the synthesizing parameters are generated from the visual effect parameters for the complete set of transforms.

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